

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S220	1950	(257/43).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 16:57
S221	4	S220 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 16:58
S222	2	S221 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 16:59
S223	897	(257/76).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 16:59
S224	11	S223 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:00
S225	2	S224 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:01
S226	326	(257/78).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:02
S227	3	S226 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:02
S228	0	S227 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:03
S229	482	(257/613).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:04
S230	5	S229 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:04

		not S224 not S227				
S231	1	S230 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:04
S232	213	(257/614).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:05
S233	0	S232 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224 not S227 not S230	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:05
S234	997	(257/E21.411).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:06
S235	1	S234 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224 not S227 not S230	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:06
S236	1	S235 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:07
S237	197	(257/E29.094).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:08
S238	3	S237 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224 not S227 not S230	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:08
S239	2	S238 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:10
S240	191	(257/E29.202).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:10
S241	0	S240 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224 not S227 not S230 not S235 not S238	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:11
S242	712	(257/E29.273).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:12
S243	0	S242 and (ZnO or zinc adj oxide or MgZnO or	US-	OR	OFF	2011/08/24

		"Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224 not S227 not S230 not S235 not S238	PGPUB; USPAT; USOCR			17:12
S244	484	(257/E29.296).ccls.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:12
S245	3	S244 and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3) and (@rlad < "20040614" or @ad < "20040614") not S221 not S224 not S227 not S230 not S235 not S238	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:12
S246	3	S245 and threshold	US- PGPUB; USPAT; USOCR	OR	OFF	2011/08/24 17:13

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S247	0	(257/43).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:16
S248	0	(257/76).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:17
S249	0	(257/78).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:17
S250	0	(257/613).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:17
S251	0	(257/614).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:17
S252	0	(257/E21.411).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:17

		(dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")				
S253	1	(257/E29.094).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:17
S254	0	(257/E29.202).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:18
S255	0	(257/E29.273).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:18
S256	0	(257/E29.296).ccls. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm. and (@rlad < "20040614" or @ad < "20040614")	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:18
S257	0	(toshinori with sugihara or hideo with ohno or masashi with kawasaki).in. and ((ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)).clm.	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:19
S258	2	(toshinori with sugihara or hideo with ohno or masashi with kawasaki).in. and (ZnO or zinc adj oxide or MgZnO or "Mg.sub."\$3"Zn.sub."\$3O or magnesium adj zinc adj oxide) and (hydrogen and nitrogen) with (impurity or dop\$3)	US- PGPUB; USPAT; UPAD	OR	OFF	2011/08/24 17:19

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